

Docket No. AUS920000946US1

ABSTRACT OF THE DISCLOSURE

WEARABLE KEYBOARD APPARATUS

5 A keyboard apparatus includes a fabric and switch
units coupled to the fabric. Each switch unit includes a
capsule containing an electrically responsive liquid,
wherein the electrically responsive liquid causes the
capsule to increase in rigidity in response to
10 application of an electric field to the electrically
responsive liquid. Each switch unit also includes one or
more switches coupled to the capsule, wherein a selected
pressure applied to the capsule activates or more of the
switches underneath the capsule. The keyboard apparatus
15 also contains electrical conducting lines connected to
the switch units.